

## Claims

1. A selective one-way bit-driving apparatus including a shaft for connection with a handle, a bit receiver including a plurality of teeth formed on an internal face, two one-way drivers pivotally connected with the shaft and each formed with a plurality of teeth for engagement with the teeth of the bit receiver and a switch installed on the shaft for causing the engagement of the teeth of at least one of the one-way drivers with the teeth of the bit receiver.
2. The selective one-way bit-driving apparatus according to claim 1 wherein the shaft includes a plurality of protrusions for holding onto the handle.
3. The selective one-way bit-driving apparatus according to claim 1 wherein the shaft includes two recesses for receiving the one-way drivers.
4. The selective one-way bit-driving apparatus according to claim 1 wherein the one-way drivers each include a cylinder, wherein the shaft includes two longitudinal holes each for receiving the cylinder of corresponding one of the one-way drivers.
5. The selective one-way bit-driving apparatus according to claim 4 wherein the shaft includes two rods each extending from the bottom of corresponding one of the longitudinal holes, wherein the cylinders of the one-way drivers are hollow for receiving corresponding the rods.
6. The selective one-way bit-driving apparatus according to claim 4 wherein the switch is in the form of a ring.
7. The selective one-way bit-driving apparatus according to claim 6

1 including a restraining device between the cylinder of each of the  
2 one-way drivers and the switch.

3 8. The selective one-way bit-driving apparatus according to claim 7  
4 wherein the restraining device includes a tab on the cylinder of each  
5 of the one-way drivers and two recesses in an internal face of the  
6 switch for receiving the tabs.

7 9. The selective one-way bit-driving apparatus according to claim 1  
8 including elastic elements each compressed between the shaft and  
9 corresponding one of the one-way drivers.

10 10. The selective one-way bit-driving apparatus according to claim 1  
11 including elastic elements each compressed between the shaft and  
12 corresponding one of the one-way drivers.

13 11. The selective one-way bit-driving apparatus according to claim 10  
14 wherein the shaft includes two recesses for receiving the elastic  
15 elements.

16 12. The selective one-way bit-driving apparatus according to claim 11  
17 wherein the elastic elements are helical springs.

18 13. The selective one-way bit-driving apparatus according to claim 11  
19 wherein the elastic elements are leaf springs.

20 14. The selective one-way bit-driving apparatus according to claim 1  
21 wherein the switch is in the form of a ring.

22 15. The selective one-way bit-driving apparatus according to claim 14  
23 including a positioning device between the shaft and the switch.

24 16. The selective one-way bit-driving apparatus according to claim 15  
25 wherein the positioning device includes a spring-biased detent on the  
26 shaft and a plurality of recesses in an internal face of the switch for

1 receiving the spring-biased detent.

2 17. The selective one-way bit-driving apparatus according to claim 14  
3 including a restraining device between the shaft and the switch.

4 18. The selective one-way bit-driving apparatus according to claim 17  
5 wherein the restraining device includes a restraint on the shaft and a  
6 groove in an internal face of the switch for receiving the restraint.

7 19. The selective one-way bit-driving apparatus according to claim 1  
8 including a fastener for holding the shaft and the bit receiver  
9 together.

10

11